

Way toward our GHG Reduction Ambition in our Manufacturing

Efficiency Improvement

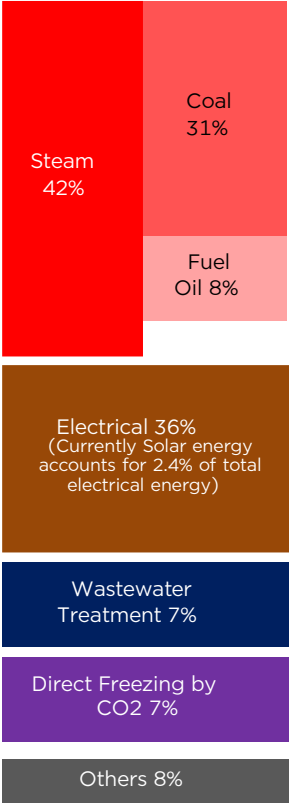
Strengthen the operation efficiency to minimize our consumption, continuously explore best practices both internally and externally, and elevate the standards of our operational controls.

Low GHG technology

Seek the opportunity to implement innovation and green technology to reduce our footprint



GHG scope 1&2 Reduction



- Engineering and administrative improvements of our boiler and steam distribution system (e.g. quality control for water quality, temperature control of flue gas exhaust, economizer) Prevent heat loss through out steam system (e.g. heat insulation) Maximize our steam pressure control
- Etc.

- Engineering and administrative improvements of our cooling efficiency
- Utilization of energy efficient equipment
- Operational control to ensure maximum product output while maintaining our electrical consumption
- Etc.

- Water reduction to reduce wastewater
- Improvement of wastewater quality at upstream source of wastewater
- Utilization of biogas, e.g. generator

- Strengthen our operational control to maximize the product output while maintaining CO₂ consumption

- Strengthen our performance tracking at process or equipment level
- Create the system where good practices are extracted from each factory until it become standardized practices across Group
- Building the financial environment where GHG benefit is integrated for initiatives

- Conversion from fossil fuel to renewable energy
- Conversion to lower GHG fuel or technology (e.g. bunker oil to natural gas, fuel boiler to electrical boiler)
- Etc.

- Increase our portion of electricity from renewable sources.
- Utilization of solar heat in thermal process (e.g. solar heat collector for cooling system
- Etc.

- Conversion to close-loop freezer
- Conversion to alternative refrigerant (e.g. ammonia, N₂)

- Fossil fuel vehicle phase out
- Conversion to lower GHG fuel (e.g. pure diesel to bio-diesel)